

Title (en)
LANOLIN SUBSTITUTE, PRODUCTION METHOD THEREOF AND APPLICATIONS OF SAME

Title (de)
LANOLINERSATZSTOFF, HERSTELLUNGSVERFAHREN DAFÜR UND ANWENDUNGEN DAVON

Title (fr)
SUBSTITUT DE LANOLINE SON PROCEDE D OBTENTION ET SES APPLICATIONS

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Application
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Abstract (en)
[origin: FR2826659A1] The invention relates to a lanolin substitute that can absorb up to at least twice the weight thereof in water, aqueous solution or aqueous suspension. The inventive lanolin substitute forms real emulsions which are stable over time and which have a water-retention power greater than that of lanolin. Said substitute also possesses the emollient, hydrating and occlusive properties of lanolin. The lanolin substitute can be used in all current and future lanolin fields of application: cosmetics, dermatology, industrial applications (polishes, lubricants, etc.), etc. The aforementioned substitute is obtained by means of hemisynthesis using a mixture of unsaturated fatty acids, unsaturated fatty acid esters, unsaturated hydrocarbons or unsaturated derivatives of same with compounds that comprise or generate hydroxyl functions, such as glycerol, preferably without a catalyst and in an oxygen-deprived atmosphere. The inventive method is performed by means of standard heat treatment or, preferably, dielectric heating.

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